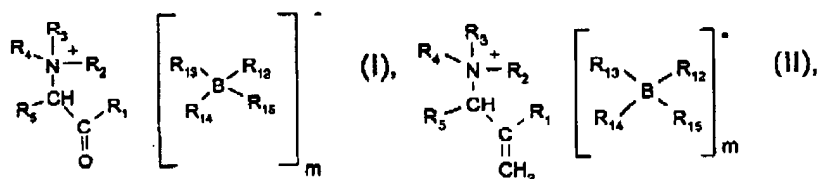


LISTING OF THE CLAIMS

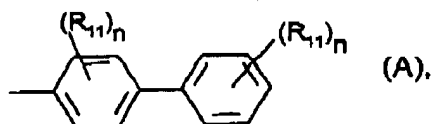
1. (Previously Presented) A photoactivatable coating composition comprising (A) an activated unsaturated group-containing compound, (B) an activated CH group-containing compound, (C) a catalyst in the form of one or more Lewis or Brönstedt bases, with the conjugated acids of the latter having a pKa of at least 10, and (D) a photoinitiator, wherein the photoinitiator is a photolabile base selected from
- 1) α -ammonium, α -iminium or α -amidinium salts of formula (I) or (II)



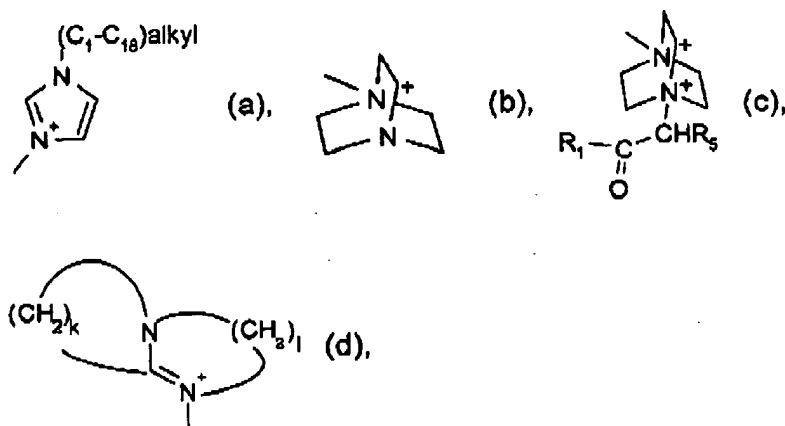
wherein

m is 1 or 2 and corresponds to the number of positive charges of the cation;

R_1 is phenyl, naphthyl, phenanthryl, anthracyl, pyrenyl, thienyl, thianthrenyl, thioxanthyl, fluorenyl or phenoxazinyl, these radicals being unsubstituted or mono- or polysubstituted with C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl, NR_6R_7 , OH, CN, OR_8 , SR_8 , $C(O)R_9$, $C(O)OR_{10}$ or halogen, or R_1 is a radical of formula A



R_2 , R_3 , and R_4 each independently are hydrogen, C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl or phenyl, or R_2 and R_3 and/or R_4 and R_3 each independently form a C_2 - C_{12} alkylene bridge; or R_2 , R_3 , R_4 , together with the linking nitrogen atom, are a group of the structural formula (a), (b), (c), or (d)



k and **l** each independently are a number from 2 to 4;

R₅, **R₆**, **R₇**, **R₈**, **R₉**, and **R₁₀** are hydrogen or C₁-C₁₈ alkyl;

R₁₁ is C₁-C₁₈ alkyl, C₂-C₁₈ alkenyl, NR₈R₇, OR₈, or SR₈; and

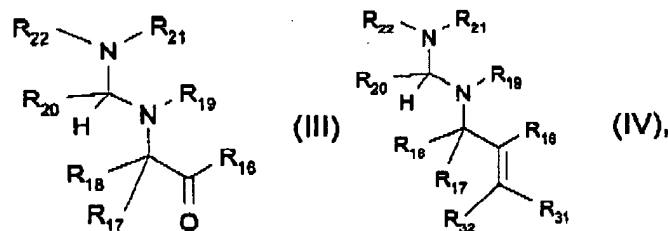
n is 0 or 1, 2 or 3;

R₁₂, **R₁₃**, and **R₁₄** are phenyl or another aromatic hydrocarbon, these radicals being unsubstituted or mono- or polysubstituted with C₁-C₁₈ alkyl, OR₈, or halogen;

R₁₅ is C₁-C₁₈ alkyl, phenyl or another aromatic hydrocarbon, the radicals phenyl and aromatic hydrocarbon being unsubstituted or mono- or polysubstituted with C₁-C₁₈ alkyl, OR₈, or halogen;

or

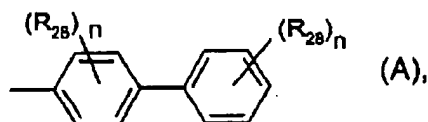
2) compounds of formula (III) or (IV)



wherein

R₁₆ is phenyl, naphthyl, phenanthryl, anthracyl, pyrenyl, thienyl, thianthrenyl, thioxanthyl, fluorenyl or phenoxazinyl, these radicals being

unsubstituted or mono- or polysubstituted with C₁-C₁₈ alkyl, C₃-C₁₈alkenyl, NR₂₃R₂₄, OH, CN, OR₂₅, SR₂₅, C(O)R₂₆, C(O)OR₂₇ or halogen, or R₁₈ is a radical of formula A



R₁₇ and R₁₈ each independently are hydrogen, C₁-C₁₈ alkyl, C₃-C₁₈ alkenyl, C₃-C₁₈ alkynyl or phenyl;

R₂₀ is C₁-C₁₈ alkyl or NR₂₉R₃₀;

R₁₉, R₂₁, R₂₂, R₂₃, R₂₄, R₂₅, R₂₆, and R₂₇ are hydrogen or C₁-C₁₈ alkyl;

R₂₈ is C₁-C₁₈ alkyl, C₂-C₁₈ alkenyl, NR₂₃R₂₄, OR₂₅, or SR₂₅; and R₂₉ and R₃₀ each independently are hydrogen or C₁-C₁₈ alkyl; or

R₁₉ and R₂₁ together form a C₂-C₁₂ alkylene bridge or

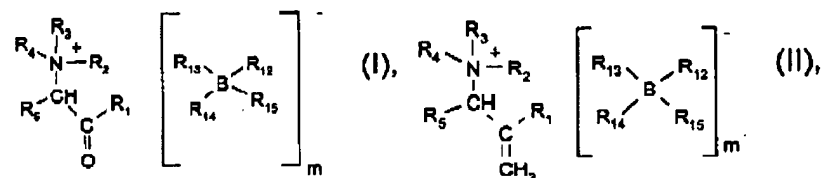
R₂₀ and R₂₂ together, independently of R₁₉ and R₂₁, form a C₂-C₁₂ alkylene bridge or, if R₂₀ is NR₂₉R₃₀, R₃₀ and R₂₂ together form a C₂-C₁₂ alkylene bridge;

R₃₁ is hydrogen or C₁-C₁₈ alkyl;

R₃₂ is hydrogen, C₁-C₁₈ alkyl or phenyl.

2. (Withdrawn) A coating composition according to claim 1, wherein the photolabile base is selected from

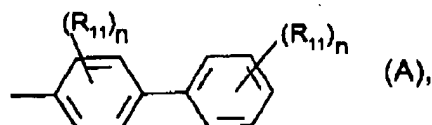
3) α-ammonium, α-iminium or α-amidinium salts of formula (I) or (II)



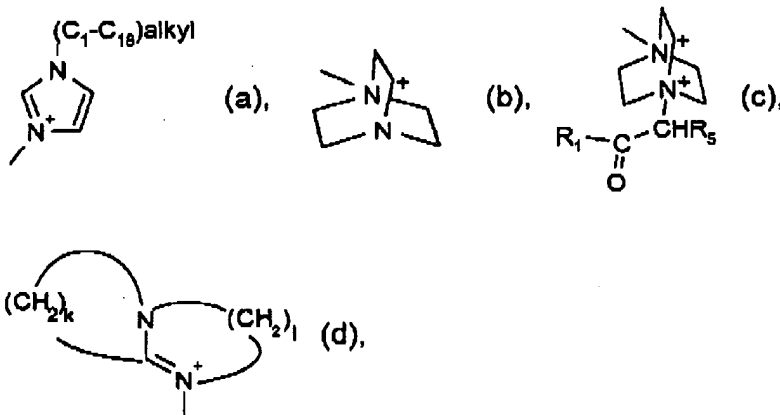
wherein

m is 1 or 2 and corresponds to the number of positive charges of the cation;

R_1 is phenyl, naphthyl, phenanthryl, anthracyl, pyrenyl, thienyl, thianthrenyl, thioxanthyl, fluorenyl or phenoxazinyl, these radicals being unsubstituted or mono- or polysubstituted with C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl, NR_6R_7 , OH, CN, OR_8 , SR_8 , $C(O)R_9$, $C(O)OR_{10}$ or halogen, or R_1 is a radical of formula A



R_2 , R_3 , and R_4 each independently are hydrogen, C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl or phenyl, or R_2 and R_3 and/or R_4 and R_3 each independently form a C_2 - C_{12} alkylene bridge; or R_2 , R_3 , R_4 , together with the linking nitrogen atom, are a group of the structural formula (a), (b), (c), or (d)



k and l each independently are a number from 2 to 4;

R_5 , R_6 , R_7 , R_8 , R_9 , and R_{10} are hydrogen or C_1 - C_{18} alkyl;

R_{11} is C_1 - C_{18} alkyl, C_2 - C_{18} alkenyl, NR_6R_7 , OR_8 , or SR_8 ; and

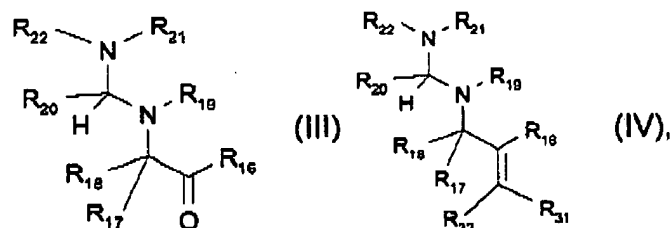
n is 0 or 1, 2 or 3;

R_{12} , R_{13} , and R_{14} are phenyl or another aromatic hydrocarbon, these radicals being unsubstituted or mono- or polysubstituted with C_1 - C_{18} alkyl, OR_8 , or halogen;

R_{15} is C_1 - C_{18} alkyl, phenyl or another aromatic hydrocarbon, the radicals phenyl and aromatic hydrocarbon being unsubstituted or mono- or polysubstituted with C_1 - C_{18} alkyl, OR_8 , or halogen;

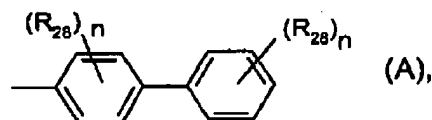
or

4) compounds of formula (III) or (IV)



wherein

R_{16} is phenyl, naphthyl, phenanthryl, anthracyl, pyrenyl, thienyl, thianthrenyl, thioxanthyl, fluorenyl or phenoxazinyl, these radicals being unsubstituted or mono- or polysubstituted with C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl, $NR_{23}R_{24}$, OH, CN, OR_{25} , SR_{25} , $C(O)R_{26}$, $C(O)OR_{27}$ or halogen, or R_{16} is a radical of formula A



R_{17} and R_{18} each independently are hydrogen, C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl, C_3 - C_{18} alkynyl or phenyl;

R_{20} is C_1 - C_{18} alkyl or $NR_{29}R_{30}$;

R_{19} , R_{21} , R_{22} , R_{23} , R_{24} , R_{25} , R_{26} , and R_{27} are hydrogen or C_1 - C_{18} alkyl;

R_{28} is C_1 - C_{18} alkyl, C_2 - C_{18} alkenyl, $NR_{23}R_{24}$, OR_{25} , or SR_{25} ; and R_{29} and

R_{30} each independently are hydrogen or C_1 - C_{18} alkyl; or

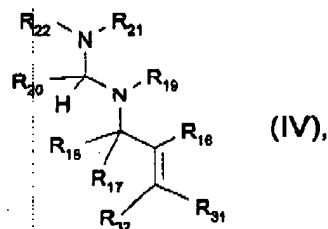
R_{19} and R_{21} together form a C_2 - C_{12} alkylene bridge or

R_{20} and R_{22} together, independently of R_{19} and R_{21} , form a C_2 - C_{12} alkylene bridge or, if R_{20} is $NR_{29}R_{30}$, R_{30} and R_{22} together form a C_2 - C_{12} alkylene bridge.

R_{31} is hydrogen or C_1 - C_{18} alkyl;

R_{32} is hydrogen, C_1 - C_{18} alkyl or phenyl

3. (Previously Presented) A coating composition according to claim 1, wherein the photolabile base is an α -aminoalkene of the structure (IV),



wherein

R_{18} is phenyl;

R_{17} and R_{18} are hydrogen or methyl;

R_{19} and R_{21} together form a C_3 -alkylene bridge;

R_{20} and R_{22} together form a C_3 -alkylene bridge;

R_{31} and R_{32} are hydrogen.

4. (Original) A coating composition according to claim 1, wherein component (D) is present in an amount of from 0.01 to 10 wt.% based on components (A) + (B).
5. (Original) A coating composition according to claim 1, wherein component (C) is present in an amount of from 0.01 to 10 wt.% based on components (A) + (B).

6. (Original) A coating composition according to claim 1, wherein the composition additionally comprises a sensitizer selected from the group of thioxanthenes, oxazines, ketocoumarins, rhodamines, benzophenone, and derivatives thereof.
7. (Original) A coating composition according to claim 6, wherein the sensitizer is selected from the group of benzophenone and derivatives thereof.
8. (Original) A coating composition according to claim 1, wherein (C) is 1,8-diazabicyclo-[5,4,0]-undec-7-ene.
9. (Original) A coating composition according to claim 1, wherein the compound with an activated CH group is an oligomeric or polymeric malonate compound and/or an acetoacetate group-containing compound.
10. (Original) A coating composition according to claim 9, wherein the malonate compound is a polyurethane, a polyester, a polyacrylate, an epoxy resin, a polyamide or a polyvinyl resin with malonate groups in the main and/or side chain.
11. (Original) A coating composition according to claim 1, wherein (A) and (B) are present in an amount such that the ratio of the number of activated CH groups to the number of activated unsaturated groups is in the range of about 0.25 to about 4.0.
12. (Original) A coating composition according to claim 11, wherein (A) and (B) are present in an amount such that the ratio of the number of activated CH groups to the number of activated unsaturated groups is in the range of about 0.5 to about 2.0.

13. (Original) A coating composition according to claim 1, wherein (C) and (D) are present in an amount such that the weight ratio of (C) to (D) is in the range of about 0.1 to about 2.5.
14. (Previously Presented) A method of coating a substrate wherein a coating composition according to claim 1 is applied to a substrate and subsequently the substrate is exposed to ultraviolet light.
15. (Previously Presented) A method of repairing cars by applying the coating composition according to claim 1 to the substrate of a car in the refinish industry .